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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/244,203	
	Filing Date	February 4, 1999	
	First Named Inventor	HOWARD, Brett L.	
	Art Unit	2137	
	Examiner Name	CALLAHAN, Paul E.	
Total Number of Pages in This Submission	26	Attorney Docket Number	T01215-0051-US (123081-339701)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	- Part B - Fee(s) Transmittal Form PTOL-85B (2 copies)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	- Transmittal Letter for Issue Fee
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	- Transmittal Letter for Formal Drawings
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		- Return Receipt Postcard
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	McCARTHY TETRAULT LLP per Robert H. Nakano (Reg. No. 46,498)
Signature	
Date	June 3, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Typed or printed name			
Signature		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JUN 04 2004

Approved for use through 07/31/2006. OMB 0651-0032
 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$1,330.00

Complete if Known

Application Number	09/244,403
Filing Date	February 4, 1999
First Named Inventor	HOWARD, Brett L.
Examiner Name	CALLAHAN, Paul E.
Art Unit	2137
Attorney Docket No.	T01215-0051-US (123081-339701)

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number

150633

Deposit Account Name

MC CARTHY TETRAULT LLP

The Director is authorized to:

(check all that apply)

☒ Charge fee(s) indicated below

☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND

Extra Claims				Fee from below		Fee Paid
Total Claims	<input type="text"/>	-20** =	<input type="text" value="0"/>	X	<input type="text"/>	= <input type="text" value="0.00"/>
Independent Claims	<input type="text"/>	-3** =	<input type="text" value="0"/>	X	<input type="text"/>	= <input type="text" value="0.00"/>
Multiple Dependent						= <input type="text"/>

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	43	Independent claims in excess of 3	
1203	280	2203	145	Multiple dependent claim, if not paid	
1204	88	2204	43	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non - English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	820*	1804	820*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	850	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to Institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	1,330.00
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	
1808	180	1808	180	Submission of Information Disclosure Statement	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) \$1,330.00

SUBMITTED BY

Name (Print/Type)	Robert H. Nakano	Registration No. (Attorney/Agent)	46,498	Telephone	416-601-7852
Signature				Date	June 3, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Search by

☐ Accounting Date: Operator ID:

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Accounting Date:

Starts:

Ends:

☒ Name/Number: 09244203☐ Attny Docket No: ☐ Deposit Account No.: 

Accounting Date	Operator ID	Seq No.	Txn Src	Fee Code	St	Amount	Name/Number	Dep Acc
06/09/2004	WABRHAM2	102	SALE	1501	A	1,330.00	09244203	150633
02/20/2004	BHILLIAR	3	SALE	1202	A	36.00	09244203	150633
02/20/2004	BHILLIAR	2	SALE	1253	A	950.00	09244203	150633
06/09/2003	WMEREDIT	7	SALE	1801	A	750.00	09244203	022553
06/09/2003	WMEREDIT	6	SALE	1253	A	930.00	09244203	022553
07/16/2002	AOSMAN1	112	SALE	117	A	920.00	09244203	
09/25/2000	NPRASASO	49	SALE	581	A	40.00	09244203	
05/24/1999	DNGUYEN	305	SALE	581	A	40.00	09244203	
05/21/1999	NHASSANI	49	SALE	115	A	110.00	09244203	
05/21/1999	TTRAN1	69	SALE	105	A	130.00	09244203	
02/16/1999	GWASHING	50	SALE	101	A	760.00	09244203	200345



OK

Adjustment Detail

Authorization Detail





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. Application of: HOWARD, Brett L.
Serial No.: 09/244,203
Filed: February 4, 1999
Title: SYSTEM AND METHOD FOR CIPHERING DATA
Examiner: CALLAHAN, Paul E.
Art Unit: 2137
Confirmation Number: 3485
Notice of Allowance Date: March 9, 2004
Atty's Docket No.: T01215-0051-US (123081-339701)

United States Patents and Trademarks Office
2011 South Clark Place
Customer Window, Mail Stop ISSUE FEE
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

Dear Commissioner:

Issue Fee Transmittal

Transmitted herewith are two (2) payment copies of the completed Transmittal Form PTOL-85B, which authorizes the Patent Office to charge the issue fee of US\$1,330.00 to deposit account no. 150633 of McCarthy Tétraut LLP.

Kindly note that by way of this transmittal of June 3, 2004 to Mail Stop Issue Fee, we are submitting formal drawings for the captioned application to the Official Draftsperson. Also by way of this transmittal of June 3, 2004 to Mail Stop Issue Fee, we are submitting an Amendment After Allowance.

In the event that an additional fee is required, the Patent Office is hereby authorized to charge our deposit account no. 150633 of McCarthy Tétraut LLP.

Agents of Record

Further to a Customer Number Batch Update form dated and mailed April 7, 2004 which included a reference to the captioned application, the undersigned attorney confirms that the contact agent of record, Alfred Macchione, has relocated his practice to the firm of:

McCarthy Tétraut LLP
Customer Service #: 27155
Box 48, Suite 4700
66 Wellington Street West
Toronto Dominion Bank Tower
Toronto, Ontario
M5K 1E6 Canada

Applicant has consented to having contact agent retain responsibility as agent of record. Undersigned attorney advises that in total the following agents of record are also now associated with the same customer number and have the authority to also act on behalf of the Applicant for the above matter:

Alfred Macchione	Reg. No. 40,333
Robert Nakano	Reg. No. 46,498 (undersigned attorney)
Brian Gray	Reg. No. 30,017
Kenneth Bousfield	Reg. No. 40,460
Christopher Hunter	Reg. No. 52,528

Undersigned attorney also advises that the attorney reference number has been changed to:

Atty's Docket No.: T01215-0051-US (123081-339701).

Applicant requests that the USPTO update its records for this application accordingly.

* * * * *

Acknowledgement of the return receipt card included with our correspondence is requested. Should any Patent Office official wish to contact us with respect to the above, the telephone call should be directed to Robert H. Nakano at (416) 601-7852.

Your very truly



Robert H. Nakano
Reg. No. 46,498
McCarthy Tétrault LLP
Box 48, Suite 4700
Toronto Dominion Bank Tower
Toronto ON M5K 1E6
Canada
Telephone: (416) 362-1812
Facsimile: (416) 868-0673

June 3, 2004
Date

BB
#19

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re. Application of: HOWARD, Brett L.
Serial No.: 09/244,203
Filed: February 4, 1999
Title: SYSTEM AND METHOD FOR CIPHERING DATA
Examiner: CALLAHAN, Paul E.
Art Unit: 2137
Confirmation Number: 3485
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2011 South Clark Place
Customer Window, Mail Stop ISSUE FEE
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia 22202

LETTER TO OFFICIAL DRAFTSPERSON

Dear Commissioner:

We enclose three (3) sheets of formal drawings in response to the Notice of Allowability (Form PTO-37) in connection with the above captioned application. The submission of these drawings is before the due date of June 9, 2004 for payment of the Issue Fee.

Kindly note that along with this transmittal of June 3, 2004 to Mail Stop Issue Fee, we have submitted the Issue Fee in response to the Notice of Allowance dated March 9, 2004. Also by way of this transmittal of June 3, 2004 to Mail Stop Issue Fee, an Amendment After Allowance is being filed contemporaneously with this package.

Further to a Customer Number Batch Update form dated and mailed April 7, 2004, which included a reference to the captioned application, the undersigned attorney confirms that the contact agent of record, Alfred Macchione, has relocated his practice to the firm of:

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June 3, 2004
Date